

Report Information

Award Type	Award Number	Prime DUNS	Calendar Yr/Qtr	Final Report
Grant	DE-OE0000099	809855091	2011 / 4	No

Award Recipient Information

Recipient DUNS Number	809855091	Recipient Address 1	89 KINGS HWY
Recipient Account Number	S9071703	Recipient Address 2	
Recipient Congressional District	00	Recipient City	DOVER
Parent DUNS Number	042258020	Recipient State	DE
Recipient Type	2F.V2	Recipient ZIP Code + 4	199017305
Recipient Legal Name	NATURAL RESOURCES AND ENVIRONMENTAL CONTROL, DELAWARE DEPARTMENT OF	Recipient Country	USA
Recipient DBA Name			

Project / Award Information

Funding Agency Code	8900	Total Number of Sub Awards less than \$25,000/award	0
Awarding Agency Code	8900	Total Amount Sub Awards less than \$25,000/award	0.00
Program Source (TAS) Code	89-0328	Total Number of Sub Awards to Individuals	0
Sub Account Number for Program Source	331	Total Amount of Sub Awards to Individuals	0.00
CFDA Number	81.122	Total Number of Payments to Vendors less than \$25,000/award	0
Amount of Award	280109.00	Total Amount of Payments to Vendors less than \$25,000/award	0.00
Award Date	08/12/2009		
Award Description	Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency Grant Amount = \$280,109 Delaware's Department of Natural Resources and Environmental Control Energy Office intends to use the Stimulus Funding, in collaboration with the Delaware Emergency Management Agency (DEMA) and the Public Service Commission (PSC) to improve emergency planning and to conduct necessary training. In the event of an energy emergency the State of Delaware needs to have a uniform plan to implement emergency procedures. The DEO working in concert with DEMA and the PSC will establish its policies, procedures and practices in the format of the National Incident		

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Management Systems (NIMS) as recommended by DEMA. According to the NIMS and the Incident Command System (ICS) Position Paper "NIMS provides a consistent, flexible and adjustable national framework within which government and private entities at all levels can work together to manage domestic incidents, regardless of their cause, size, location or complexity." The establishment of a uniform plan will also enable Delaware SEERP to be consistent with other state and regional action plans. The DEO in cooperation with DEMA and the PSC will train staff to be prepared for emergency responses under this system. In January 2008, the Delaware Energy Office (DEO) adopted a revised State of Delaware Energy Emergency Response Plan (SEERP) as its operations manual for energy emergencies. The SEERP states that responsibilities for energy emergencies are delegated to the DEMA in the Department of Safety and Homeland Security (DSHS) and the Delaware Energy Office (DEO) in the Department of Natural Resources and Environmental Control (DNREC). DEMA has recognized the SEERP as the official energy response plan for the state. The DEO in coordination with DEMA will direct the energy emergency contingency operations at the direct order of the Governor. DEO intends to add the Delaware Public Service Commission (PSC) as a partner in this plan due to its extensive contacts and knowledge of energy infrastructure in the state. The assembly of the DEO, DEMA and the PSC as the responding

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<p>agencies to energy emergency contingency plans and information dissemination operations is essential. The DEO working in concert with DEMA and the PSC will establish its policies, procedures and practices in the format of the National Incident Management System (NIMS) as recommended by DEMA. According to the NIMS and the Incident Command System (ICS) Position Paper "NIMS provides a consistent, flexible and adjustable national framework within which government and private entities at all levels can work together to manage domestic incidents, regardless of their cause, size, location or complexity." The establishment of a uniform plan will also enable Delaware SEERP to be consistent with other state and regional action plans. The DEO in cooperation with DEMA and the PSC will train staff to be prepared for emergency responses under this system. Through this grant opportunity the DEO will incorporate better information gathering tools such as Smart Grid Technologies and renewable energy options into the SEERP. The new plan will also address how to manage events when traditional energy and fuels are limited or otherwise unavailable. Smart Grid Technology enables utilities to communicate with customer metes to determine energy usage and find service interruptions. The emergency support capacity of renewable energy in the form of photovoltaic, solar water heating, wind turbine technologies along with alternative fuels and vehicles will also be determined. The DEO in cooperation with the PSC will work with local</p>				

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electric, natural gas, and liquid fuels suppliers to understand Smart Grid applications and the current vulnerabilities of distribution systems. In so doing the DEO will better understand how to incorporate renewable and alternative energy sources in emergency operations.

Project Information

Project Name or Project/ Program Title	Energy Assurance Planning	Activity Codes (NAICS or NTEE-NPC) (up to 10)
Quarterly Activities/ Project Description	The Delaware Statewide Energy Assurance Exercise was held on October 20, 2011 in Dover, Delaware at the Sheraton Hotel and Conference Center. More than 15 attendees participated in the Workshop representing Electric Power Utilities, Delaware Refinery, local petroleum retailers, DEMA, DE&C, and other. The contractor prepared a scenario for the Exercise workshop that addressed various aspects of the Delaware Energy Assurance Plan and provided an opportunity to evaluate lessons learned and identify areas of the Energy Assurance Plan that require updates or modifications. The workshop also included a recap of the impacts and lessons learned from Hurricane Irene. Participants provided feedback and comments on lessons learned from working the EA Plan during the course of Hurricane Irene. This discussion added value to this workshop. DE&C, DEMA and	Activity Code 1 C05.02 Activity Code 2 Activity Code 3 Activity Code 4 Activity Code 5 Activity Code 6 Activity Code 7 Activity Code 8 Activity Code 9 Activity Code 10

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	the Delaware Energy Assurance Working Group continue to review and update the Energy Assurance Plan and will work with the contractor to develop Standard Operating Procedures to be included in Delaware's EA Plan. The Working Group also discussed the possibility of future EA exercises or workshops to be held after the EA Plan is updated.
Project Status	Less than 50% completed
Total Federal Amount ARRA Funds Received/ Invoiced	85604.97
Number of Jobs	0.32
Description of Jobs Created	165.75 hours were reported by the contractor for professional services preformed relating to this grant during this reporting period. Consultant fees.
Total Federal Amount of ARRA Expenditure	85604.97
Total Federal ARRA Infrastructure Expenditure	0.00
Infrastructure Purpose and Rationale	

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Infrastructure Contact

Name 0	Street Address 1
Email	Street Address 2
Phone	Street Address 3
Ext	City
	State
	ZIP Code + 4

Primary Place of Performance

Address 1 DNREC Delaware Energy
Office
Address 2 1203 College Park Drive
City Dover
Country Code US
State DE
ZIP Code + 4 19904 - 8703
Congressional District 00

Recipient Highly Compensated Officers

Prime Recipient Indication No of Reporting Applicability	Officer 3 Name
Officer 1 Name	Officer 3 Compensation
Officer 1 Compensation	Officer 4 Name
Officer 2 Name	Officer 4 Compensation
Officer 2 Compensation	Officer 5 Name
	Officer 5 Compensation

Report Audit Trail

Created By Suzanne Sebastian
Date Created 01/12/2012 02:47 PM
Last Updated By Suzanne Sebastian
Last Updated On 01/12/2012 02:47 PM

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Vendor Information

Sub Award Number	Payment Amount	36186.59
Vendor DUNS Number	Product and Service	Energy Planning Consulting
Vendor Name	Description	Services
Energy Planning Consultants, Inc.		
Vendor HQ ZIP Code + 4	80104 - 5684	

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Created By	Suzanne Sebastian
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Vendor Information

Sub Award Number	Payment Amount	27725.00
Vendor DUNS Number	Product and Service	Statewide Energy Assurance
Vendor Name	Description	workshop
Vendor HQ ZIP Code + 4		

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